Application No.: 10/567,434 Amendment
Art Unit: 3618 Attorney Docket No.: 062041

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A hybrid vehicle comprising:

an engine [[(E)]] having a crankshaft [[(15)]];

a transmission [[(T)]] that has an input shaft [[(16)]] joined coaxially to the crankshaft, (15) and an output shaft [[(17)]] disposed in parallel to the input shaft [[(16)]], a drive member provide on said input shaft, and a driven member provided on the output shaft, and is capable of changing the gear ratio between said drive member and said driven member the input shaft (16) and the output shaft (17);

a generator/motor [[(M1)]] that is disposed so as to surround the outer periphery of an axis [[(L)]] of the input shaft [[(16)]] at a position sandwiched between the engine [[(E)]] and the transmission [[(T)]]; and

power transmission means [[(78)]] for transmitting the driving force of the generator/motor [[(M1)]] to any position of a power transmission pathway between the output shaft [[(17)]] and a differential gear [[(19)]];

the vehicle being capable of traveling by means of either one or both of the driving force of the engine [[(E)]] and the driving force of the generator/motor [[(M1)]],

wherein the generator/motor [[(M1)]] is disposed coaxially with the axis [[(L)]], and wherein a starter motor [[(M2)]] is joined to an end part of the input shaft [[(16)]] on a side opposite to the engine [[(E)]].

Application No.: 10/567,434 Amendment
Art Unit: 3618 Attorney Docket No.: 062041

2. (Canceled)

3. (Canceled)

4. (Currently Amended) A hybrid vehicle comprising:

an engine [[(E)]] having a crankshaft [[(15)]];

a transmission [[(T)]] that has an input shaft [[(16)]] joined coaxially to the crankshaft, (15) and an output shaft [[(17)]] disposed in parallel to the input shaft [[(16)]], a drive member provide on said input shaft, and a driven member provided on the output shaft, and is capable of changing the gear ratio between said drive member and said driven member the input shaft (16) and the output shaft (17);

a generator/motor [[(M1)]] that is disposed so as to surround the outer periphery of an axis [[(L)]] of the input shaft [[(16)]] at a position sandwiched between the engine [[(E)]] and the transmission [[(T)]]; and

power transmission means [[(78)]] for transmitting the driving force of the generator/motor [[(M1)]] to any position of a power transmission pathway between the output shaft [[(17)]] and a differential gear [[(19)]];

the vehicle being capable of traveling by means of either one or both of the driving force of the engine [[(E)]] and the driving force of the generator/motor [[(M1)]],

wherein the generator/motor [[(M1)]] is disposed coaxially with the axis [[(L)]], and

Application No.: 10/567,434

Art Unit: 3618

Amendment

Attorney Docket No.: 062041

wherein a starter motor [[(M2)]] disposed so as to surround the outer periphery of the axis

[[(L)]] at a position sandwiched between the engine [[(E)]] and the transmission [[(T)]] is joined

to the crankshaft [[(15)]] or the input shaft [[(16)]].

5. (New) A hybrid vehicle comprising:

an engine having a crankshaft;

a transmission that has an input shaft joined coaxially to the crankshaft, an output shaft

disposed in parallel to the input shaft, a drive member provide on said input shaft, and a driven

member provided on the output shaft, and is capable of changing the gear ratio between said

drive member and said driven member;

a generator/motor that is disposed so as to surround the outer periphery of an axis of the

input shaft at a position sandwiched between the engine and the transmission; and

power transmission means for transmitting the driving force of the generator/motor to any

position of a power transmission pathway between the output shaft and a differential gear;

the vehicle being capable of traveling by means of either one or both of the driving force

of the engine and the driving force of the generator/motor,

wherein the generator/motor is disposed coaxially with the axis.

- 4 -